REMARKS:

Status of the Claims

Claims 1-12 and 25-32 were previously pending. By way of this Amendment, claims 4-5 are canceled and claims 12, 25, 27, 28, and 30-32 are amended. Thus, claims 1-3, 6-12, and 25-32 remain pending with claims 1, 9, and 25 being independent.

Statement Regarding Related Applications

The present application is the parent of U.S. Application No. 11/558,231 (the '231 application). Both applications claim similar subject matter. The Examiner issued Office Actions for both applications on December 31, 2007, and Applicant is filing responses to both applications on the same day. Applicant respectfully directs the Examiner's attention to the prosecution history of the '231 application as the issues addressed therein are similar to the issues addressed below.

Office Action

In the December 31, 2007, Office Action, the Examiner rejected:

- claims 4, 12, and 25-32 under 35 U.S.C. § 112;
- claims 1, 2, 6, 7, 8, and 25-32 under 35 U.S.C. § 102(e) as being anticipated by Friederich (U.S. 6,600,841);
- claims 3-5 under 35 U.S.C. § 103(a) as being unpatentable over Friederich in view of Robinson (US 5,995,970); and
- 9-12 under 35 U.S.C. § 103(a) as being unpatentable over Friederich in view of Ito (US 6,484,093).

§ 112 Rejections

Claims 4-5 have been canceled and claims 12, 25, 27, 28, and 30-32 have been amended to correct the various typographical errors identified by the Examiner in the Office Action.

§ 102 Rejections

All independent claims are rejected as being anticipated by Friederich. As discussed previously within Applicant's Appeal Briefs, embodiments of the present invention are directed at the compression of N-dimensional coordinate data (where N > 2) using activation data that identifies dimensions for each coordinate. As recited in the independent claims, portions of the activation data are associated with the coordinate data to identify the various dimensions of the coordinate data. The activation data is used to identify which dimensions are in use, and thus which dimensions should be compressed or decompressed (page 17, line 23, through page 18, line 9). Such a configuration advantageously allows embodiments of the present invention to conserve processor and memory resources by compressing and decompressing only the coordinate data dimensions that are currently being used by the device.

The Examiner contends that Friedrich discloses the use of activation data in this manner. Friederich discloses the use of 3-dimensional coordinate data including latitude, longitude, and altitude (col 7, ll. 50-55). Friederich also generally discloses compressing geographic data, including the compression of 3-dimensional coordinate data (col. 20, ll. 22-40). However, in contrast to the claimed invention, Friederich does not use activation data to facilitate compression of coordinate data. Instead, Friederich compresses all data that is stored in the memory and does not use activation data to selectively decompress (activate) dimensional coordinate data.

Friederich organizes geographic data into "parcels" such that the navigation device retrieves relevant parcels based on its current geographic location (col. 12, ll. 45-55). Each parcel is sized to correspond to the quantity of data that can be accessed in a single disk access, such as a 16 kB parcel corresponding to a CD (col. 12, ll. 55-61). Friederich's geographic data is compressed in a manner that maintains the organization of the parcels (col. 18, ll. 25-28). Thus, for compression and decompression, all data within a parcel—*regardless of the dimensions of the coordinate data*—is compressed or decompressed on the fly (col. 32, l. 66, through col. 33, l. 18).

Consequently, Friederich does not disclose or suggest the compression or decompression of N-dimensional coordinate data using activation data. Instead, Friederich compresses data using parcelization—a process that is not the same or related

to the claimed invention's use of activation data. Thus, in contrast to Friederich, embodiments of the present invention are not required to parcel coordinate data into small amounts, as activation data is used to ensure that only relevant coordinate data dimensions are compressed or decompressed.

<div align="center">Conclusion</div>

Applicant respectfully submits that all claims are now in a condition for allowance. Should any questions remain, the Examiner is encouraged to contact the undersigned. Any additional fee which is due in connection with this amendment should be applied against our Deposit Account No. 501-791.

Respectfully submitted,

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